

- => perfluoroalkylated amino alcohol sulfonate,
- => perfluoroalkylated acrylate.

8. The composition of claim 4, characterized in that said additives each bear a polymer chain compatible with the binder.

9. The composition of claim 8, characterized in that said additives are statistical copolymers having blocks or grafts that bear sequences or grafted components compatible with the binder.

10. The composition of claim 8, characterized in that said additives are copolymers of at least one monomer compatible with the binder and of at least one phosphonated monomer.

11. The composition of claim 8, characterized in that said monomer compatible with said binder is chain-polymerizable and is selected from methacrylic acrylic, styrene, vinyl chloride, vinyl fluoride and vinyl ester monomers.

12. The composition of claim 8, characterized in that said monomer compatible with said binder is selected from polycondensable monomers, diols and epoxide diacids.

13. The composition of claim 8, characterized in that it includes phosphonic acid groups.

14. The composition of claim 4, characterized in that the reactivity additive is a phosphonate or a phosphate whose molecular chains are either hydrocarbonated, fluorinated or chlorofluorinated.

15. The composition of claim 14, characterized in that said reactivity additive includes at least one component selected from:

- => alkyl acid phosphones and phosphonates,
- => phosphoric acids,
- => aminotrimethylene phosphonic acid,
- => 1-hydroxyethylidene-1-1-diphosphonic acid,
- => ethylene diamine tetramethylene phosphonic acid,
- => hexamethylene diamine tetramethylene phosphonic acid,
- => diethylene triamine pentamethylene phosphonic acid.

### CLAIMS

1. A method for protecting metal articles against corrosion, characterized in that it consists in applying to the metal articles directly, i.e., without prior treatment of any kind, a composition formed, at the least, of a film-forming binder, at least one corrosion-inhibiting additive reactive with metal, and at least one oligomer additive bearing phosphonic acids.

2. The method of claim 1, characterized in that metal articles to be treated whose surfaces are excessively oxidized but not scaled are subjected to coarse brushing to reduce their surface oxidation to a low value that is not necessarily zero, and the composition is then applied to them.

3. The method of claim 1, characterized in that metal articles to be treated whose surfaces are excessively greasy are subjected to coarse cleaning to reduce their surface grease to a low value that is not necessarily zero, and the composition is then applied to them.

4. A composition for protecting metal articles against corrosion, comprising a binder and at least one additive, characterized in that it includes a film-forming binder, at least one corrosion-inhibiting additive reactive with metal, and at least one oligomer additive bearing phosphonic acids.

5. The composition of claim 4, characterized in that it further includes one or more pigment additives.

6. The composition of claim 4, characterized in that it further includes one or more wetting agents.

7. The composition of claim 4, characterized in that it contains a wetting agent formed of at least one component selected from the following:

- => ethoxylated alkyl and aryl phosphonates,
- => fluorocarbon derivatives,
- => perfluoroalkylated ammonium sulfonate,
- => perfluoroalkylated potassium sulfonate,